

**Minutes of Meeting**  
**Mendums Pond Dam Monthly Meeting**  
**September 28, 2016**

**DATE:** September 28, 2016

**FROM:** Grace Levergood, P.E., Design and Field Engineer, Dam Bureau,  
Engineering and Construction

**AT:** Mendums Pond Dam #D184001, Nottingham, NH  
9:00 -10:30 am

**ATTENDEES:**

Tim Carney, P.E. E&C Administrator	Dave Tooeh, Mendums Pond resident
Jim Gallagher, P.E., Chief Engineer	Richard Snow, LRAC
Charlie Krautmann, P.E. Dam Safety Inspector	Steve Seufert, Mendums Pond resident
George R, Nottingham resident	Rob Gordon, E&C Superintendent
Bruce Harless, Foreman	

**1) Introductions and sign in**

**2) Discuss stakeholder concerns**

- a) The updated August schedule was discussed with the residents.
- b) Moved Phase 2 work to November allowing crew to work on Phase 4 – liner work.
- c) Moved up crack repair work by working on Fridays.
- d) Steve Seufert shared his and the Mendums Pond Landing Association's concern with beginning refill earlier than January, 2017. He requested that DES store a couple of feet if possible to capture the November rains. He also requested that DES look at moving up the schedule for gate installation to mid November.
- e) DES meets weekly and is constantly adjusting the schedule. If refill can begin earlier than January 1, 2017 then this will occur. DES does not want to commit to an overly aggressive schedule with many unknowns between now and 2017, such as liner delivery and weather.
- f) DSI will work with E&C to establish a monitoring program for seepage during refill. The pace of refill is often dictated by NHFG and they will be consulted on this when the time comes.
- g) DES is filling the two open staffing positions in the construction crew. An outside contractor may also be hired to assist with earthwork.

### **3) Review Progress to Date**

- a) Completed 40 feet of wall since last meeting. Total completed to date; 278 feet from station 1+10 to 3+48 and 4+10 to 4+50. This represents 82% of the total wall length.
- b) Removed existing spillway crest.
- c) Poured 136 cubic yards of concrete and tested loads since last meeting. Tested loads for air, slump and temperature. Total of 692 cubic yards to date.
- d) Completed spillway pours in order to restore right side access road.
- e) Power washed chamber
- f) Drilled holes for pins specified in Phase 2 to attach chamber walls.
- g) Received guidance on crack repair from Gannett Fleming Inc. (GFI).
- h) Power washed joints on existing concrete ledges.
- i) Began cleaning and sealing cracks on existing concrete ledges.
- j) Consulted with GFI on liner design. Held teleconference on 8/26 to discuss design.
- k) Received guidance documents and specifications for liner design.
- l) Discussed Phase 4 – Liner design. Agreed to separate this phase into two; Phase 4A concrete attachment walls, Phase 4B Liner.
- m) Submitted Phase 4A design to DSI for approval.
- n) Excavated to bedrock for first liner attachment wall at station 1+10.
- o) New laborer, Matt, was hired with a start date of 9/26.
- p) Gates and 24" PVC sleeve delivered to site.

### **4) Review four week schedule**

#### **Week of August 29 to Week of September 26**

- a) **Crew #1** -Continue with construction of concrete cutoff walls from station 4+10 to 3+48
- b) **Crew #2** -Construct Phase 4A liner attachment walls, excavate to bedrock and begin to prep slopes for liner.

### **5) Discussion Topics and New Design work-**

#### **Phase 2-Chamber-**

- a) DSI permit has been issued. An electronic copy of approved plans will be emailed to Dick Snow and Steve S.
- b) Self-consolidating concrete will be used for the pipe cradle.

### **6) Phase 4A – Concrete attachment walls for liner**

- a) Phase 4A design was verbally approved by DSI. All plans and calculations have been submitted. Construction crew can begin to form walls.
- b) Liner bid has been submitted and will be expedited through the state purchasing process.
- c) Bruce H requested a waiver on testing concrete used as leveling pads and trench fill during liner installation.

**7) Phase 3 – Downstream embankment work**

- a) Due to budget issues, Jim G. shared that this work will be postponed until funds are available in the FY20-21 budget. DSI is strongly in favor of completing this phase of the work and providing the dam with a stable downstream earthen buttress and filter system.
- b) Discussions will be held with Mendums Pond Landing Association on how the staging area should be left during this interim period and on the schedule for repaving.

**8) Action Items**

- a) Grace will email the approved Phase 2 plans to Dick S. and Steve S.
- b) Grace will email minutes to attendees

**9) Next meeting – October 26, 2016- Wednesday, 9:00 am.**